

In the Claims

Please cancel Claims 1-9 and 24-29.

Please amend the following claim:

Can 1 19.

(Amended)

A temperature detector comprising:

- P/ a housing adapted to be held by hand;
- P/ an extension from the housing adapted to be inserted into an ear[, the detector supporting];
- P/ a radiation sensor supported within the detector and which receives radiation passing into the extension from a target area in the ear;
- P/ a temperature display on the housing for displaying temperature; and
- P/ battery powered electronics in the housing for converting radiation sensed by the sensor to temperature displayed by the display, the electronics including a processor for providing an inner body temperature displayed on the housing as a function of the received radiation, indicating target temperature, compensated by an indication of ambient temperature to provide an inner body temperature approximation.

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